

Table S1. Combined results of *IGF1R* SNPs in fine-scale linkage analysis and association analysis with the affected fetus phenotype.

Marker	Physical position (bp)	Location within <i>IGF1R</i>	Linkage analysis			Association analysis		Region of linkage and association
			Theta	Alpha	HLOD	-log10(P)	P	
rs11856426	96,992,523	5'UTR	0	0.01	0.00			
rs874305	97,013,768	Intron 1				0.17	0.677	
rs4966008	97,020,968	Intron 1	0.32	0.91	0.09			
rs8027457	97,021,624	Intron 1	0	0.19	0.09			
rs11247361	97,024,915	Intron 1	0.26	1	0.30	0.00	1.000	
rs11247362	97,028,354	Intron 1	0	1	1.64			
rs1574213	97,045,310	Intron 1	0	1	0.00			
rs11854132	97,046,853	Intron 1	0	1	0.00			
rs4966013	97,062,907	Intron 1				0.35	0.449	
rs11857366	97,081,324	Intron 2	0.02	0.81	1.24			
rs10794486	97,119,058	Intron 2				0.08	0.827	
rs12439557	97,132,305	Intron 2	0	0.63	0.99			
rs11247372	97,134,201	Intron 2	0	0.63	0.99			
rs907807	97,162,446	Intron 2				0.08	0.833	
rs2684761	97,181,893	Intron 2	0.08	1	1.40			
rs2684774	97,197,546	Intron 2				0.01	0.970	
rs1879612	97,216,231	Intron 2	0.08	1	2.06	0.66	0.216	X ^d
rs1521480	97,231,926	Intron 2	0	1	3.63			X
rs1521481	97,231,946	Intron 2	0.04	1	2.18			X
rs7165181	97,240,546	Intron 2				1.39	0.041 ^c	X ^d
rs4966035	97,246,985	Intron 2	0.04	1	2.18			X
rs4966036	97,247,272	Intron 2	0	1	3.63			X
rs11247379	97,247,599	Intron 2	0.08	1	1.22			X
rs11630259	97,248,471	Intron 2	0	0.65	0.75			X
rs1357112	97,250,899	Intron 2	0	0.63	0.87			X
rs3743258	97,260,662	Intron 5	0.04	1	2.50			X
rs3743259	97,260,684	Intron 5	0.04	1	2.18			X
rs4966038	97,264,155	Intron 5				1.44	0.037 ^c	X ^d
rs883149	97,267,224	Intron 5				0.15	0.712	X ^d
rs8039666	97,268,901	Intron 5				0.16	0.688	X ^d
rs2684811	97,271,086	Intron 6	0	1	4.68 ^a			X
rs2715416	97,271,554	Intron 6	0.04	1	2.65 ^b	0.78	0.166	X ^d
rs1546714	97,287,844	Intron 13				0.55	0.282	
rs12438493	97,294,568	Intron 15				0.30	0.507	
rs2229765	97,295,748	Exon 16	0	1	0.74	0.29	0.513	
rs2684799	97,299,355	Intron 17				0.50	0.318	
rs2684792	97,305,604	Intron 19				0.82	0.153	
rs7173377	97,306,251	Intron 19	0.12	1	1.05			
rs7162314	97,307,439	Intron 19	0	0.84	1.13			
rs7166565	97,307,458	Intron 19	0.2	1	0.21	0.47	0.340	
rs2684789	97,309,568	Intron 20				0.13	0.739	
rs939626	97,310,699	Intron 20	0	0.47	0.53			
rs8034284	97,313,771	Intron 20	0	0.61	1.09			
rs2016347	97,321,323	Exon 21 UTR				0.11	0.771	
rs2654981	97,322,652	Exon 21 UTR	0.24	0.84	0.24			

^a Maximum HLOD in fine-scale linkage analysis with unpruned markers

^b Maximum HLOD in the initial linkage analysis with LD-pruned markers: 2.59 at theta 0.04 and alpha 1

^c Allelic test P>0.05 after permutation correction

^d Six-marker haplotype test P<0.05 after permutation correction